

[54] VIDEO CIRCUIT ENCLOSURE FOR ATTACHMENT TO A CATHODE RAY TUBE

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[57] ABSTRACT

A video circuit enclosure for housing a video circuit, such as a video amplifier circuit that is used to drive a cathode ray tube is disclosed. The video circuit enclosure includes a video box with an open face through which the cathode ray tube is inserted. A video board, on which the video circuit is mounted is secured inside the video box. A heat sink is attached to one end of the video box and is a thermal path with heat-generating components on the video board. A socket board, located inside the video box, is mounted to the cathode ray tube. The socket board is located in the video box so it is slightly spaced away from the video board. A video cover is attached to the socket board and spaced away therefrom so it covers the open face of the video box. A set of spring loaded pin contacts attached to the socket board about contact pads on the video board so as to provide a low impedance electrical slip connection between the boards. A video cover, attached to the socket board, is disposed over the open face of the video box.

18 Claims, 3 Drawing Sheets

